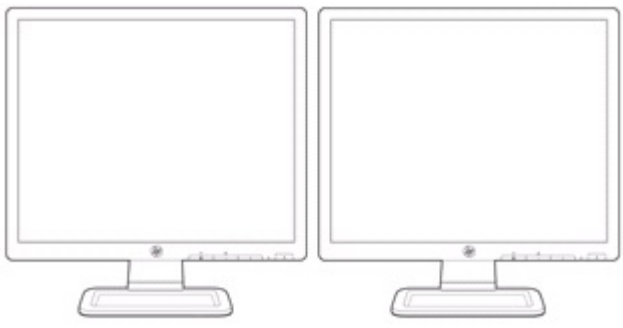
Overview

1. OK/Menu	If the OSD menu is on, press to select the highlighted menu item. Opens, selects or exits the OSD menu.	**3. Plus**	If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels.
2. Auto/Minus	If the OSD menu is inactive, press to activate the auto adjustment feature to optimize the screen image. If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels.	**4. Power LED**	White = Fully powered. Amber = Sleep mode. Flashing Amber = Sleep Timer mode.
		5. Power	Turns the monitor on or off.



HP ProDisplay 19A dual monitor configuration shown.
(Note: monitors sold separately)

HP recommends a dual monitor configuration for a more productive work environment. *

*NOTE: Multi-monitor support is dependent on your system. Check your user guide or technical specifications for compatibility. Optional accessories may be required.

Overview

Model: D2W67AA

Technical Specifications

Panel	**Type**	TN (Twisted Nematic) LED Backlit LCD
	Viewable Image Area (diagonal)	**48,26 cm** (19 in) widescreen, diagonally measured
	Active Area (W x H)	**37,63 x 30,1 cm** (14.82 x11.85 in)
	Aspect Ratio	5:4
	Viewing Angle (typical)	Up to 170° horizontal/160° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 nits (cd/m^2)
	Static Contrast Ratio (typical)*	1000:1
	Dynamic Contrast Ratio (typical)*	1,000,000:1
	Response Time (typical)*	5 ms (on/off)
	Pixel Pitch	0.294 mm
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Gamut (typical)*	72%
	Color Support**	Can display up to 16.7 million colors
	*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ** With the use of FRC technology.	
User Controls	**Buttons or Switches**	OK/Menu, Auto/Minus, Plus, Power
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	On Screen Display (OSD) User Controls	Brightness, Contrast, Color, Image Control, OSD Control, Management, Language, Information, Factory Reset, Exit
Signal Interface/ Performance	**Horizontal Frequency**	30k-83 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1280x1024 @ 60 Hz
	Preset VESA Graphic Modes (non-interlaced)	1280 x 1024 @ 60 Hz 1280 x 960 @ 60 Hz 1024 x 768 @ 60 Hz 800 x 600 @ 60 Hz 720 x 400 @ 60 Hz 640 x 480 @ 60 Hz
	Maximum Pixel Clock Speed	108 MHz
	User Programmable Modes	Yes (16)
	Anti-Glare	Yes
	Default Color Temperature	6500 K

Technical Specifications

Video/Other Inputs	**Plug and Play**	Yes	
	Input Connectors	VGA (analog)	
	USB	None	
	Video Cables	(1) VGA	
	Video Cable Length	**1,8 m** (5.9 ft)	
	Audio	None	
Power	**Power Supply**	Internal	
	Input Power	100~240Vac, 50/60 Hz	
	Typical Power Consumption	15 W	
	Maximum	25 W	
	Power Saving	0.5 W	
	Power Cable Length	**1,9 m** (6.2 ft)	
Mechanical	**Dimensions** (W x D x H)	**Unpacked w/stand**	**41,4 x 20,64 x 41,82 cm** (16.3 x 8.13 x 16.46 in)
		Unpacked w/o stand (head only)	**41,4 x 5,75 x 34,7 cm** (16.3 x 2.3 x 13.7 in)
		Packaged	**48,6 x 13,9 x 50,6 cm** (19.1 x 5.5 x 19.9 in)
		Base area (footprint)	**21,05 x 14,82 cm** (8.29 x 5.83 in)
	Weight	**Head Only**	**2,99 kg** (6.59 lb)
		Unpacked	**3,5 kg** (7.72 lb)
		Packaged	**4,5 kg** (9.92 lb)
	Tilt Range	-5° to +25°	
	Swivel Range	None	
	Height Adjustable	No	
	Pivot Rotation	No	
	Detachable Base	Yes	
Environmental	**Temperature - Operating**	**5° to 35° C** (41° to 95° F)	
	Temperature - Non-operating	**-20° to 60° C** (-4° to 140° F)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb	
	Altitude - Operating	**0 to 5,000 m** (16,404 ft)	
	Altitude - Non-operating	**0 to 12,192 m** (0 to 40,000 ft)	
	White LED Backlights	Yes	
	CCFL Panel	No	

Technical Specifications

	Arsenic-Free Display Glass[4]	Yes
	Mercury-Free Display Backlighting	Yes
	Low Halogen[5]	Yes
Environmental Data	**Eco-Label Certifications & declarations**	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks: • IT ECO declaration • US ENERGY STAR® • TCO 06 • EPEAT® Gold where HP registers Commercial Display products. See http://www.epeat.net for registration status in your country US Federal Energy Management Program (FEMP)

Energy Consumption (in accordance with US Energy Star® test method)

	115VAC, 60Hz	**230VAC, 50Hz**	**100VAC, 60Hz**
Normal Operation	15.12 W	14.92 W	15.18 W
Sleep	0.24 W	0.31 W	0.24 W
Off	0.09 W	0.14 W	0.09 W

Heat Dissipation*	**115VAC, 60Hz**	**230VAC, 50Hz**	**100VAC, 60Hz**
Normal Operation	52 BTU/hr	51 BTU/hr	52 BTU/hr
Sleep	0.8 BTU/hr	1 BTU/hr	0.8 BTU/hr
Off	0.3 BTU/hr	0.4 BTU/hr	0.3 BTU/hr

* Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Additional Information

- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC.
- This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC.
- This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
- This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see: www.epeat.net
- Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.
- This product contains 16.2 % post-consumer recycled plastic (by wt.)
- This product is 97.5 % recycle-able when properly disposed of at end of life.

Packaging Materials	**External:**	PAPER/Corrugated	808 g
	Internal:	PLASTIC/EPS (Expanded Polystyrene)	328 g
		PLASTIC/EPE-Expanded Polyethylene	28 g

Technical Specifications

RoHS Compliance

Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at: http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants - may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) - except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.

		• Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.
	End-of-life Management and Recycling	Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner. The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.
	Hewlett-Packard Corporate Environmental Information	For more information about HP's commitment to the environment: Global Citizenship Report http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html Eco-label certifications http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html ISO 14001 certificates: http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html
Accessories (sold separately)	**HP LCD Monitor Quick Release—Part number EM870AA**	An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document.
	HP USB Graphics Adapter—Part number NL571AA	Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other.
	HP Business PC Security Lock Kit—Part number PV606AA	Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point.
	HP LCD Speaker Bar—Part number NQ576AA	Powered directly by the connected PC, the Speaker Bar seamlessly attaches to the monitor's lower bezel to bring full audio support to select HP flat panel monitors. Features include dual speakers with full sound range and dual external headphone jacks. Sold separately. For more information, refer to the product's QuickSpecs.
	HP Integrated Work Center Stand - USDT and Thin Clients) —Part number LH526AA	Allows mounting of a 17 - 24 inch diagonal HP LCD monitor and an HP Compaq dc8000 series Ultra-slim Desktop PC as well as select HP Thin Clients on a single stand for the convenience of an "all-in-one" form factor. For more information, refer to this product's QuickSpecs document.
What's in the box?	**Monitor and Accessories**	HP P19A 19-inch LED Backlit Monitor; VGA cable; AC Power cable
	Documentation	Printed documentation and CD
	Featured Software	HP Display Assistant and Adobe Acrobat Reader

Technical Specifications

Other	**User Guide Languages**	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Color	Black
	Warranty Languages	English, Spanish, Portuguese
	VESA External Mounting	Yes (one set of standard 4-hole pattern, 100 mm).
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance	CB, CE, TCO, CCC, CEL 1, CECP, BSMI, S-Mark, VCCI, FCC, CSA, GS mark, ICES, C-Tick, e-Standby, ENERGY STAR® qualified, EPEAT® Gold[3] (select regions)	
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
Service and Warranty	Protected by HP, including a 3 year standard limited warranty. Optional Care Pack Services are extended service contracts which go beyond your standard warranties.[2]	

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[1] The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.
[2] HP Care Pack Services extend service contracts beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at http://www.hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at http://www.hp.com/hps/carepack.
[3] EPEAT® Gold registered models of this product are available where HP registers commercial display products. See www.epeat.net for registration status in your country.
[4] Arsenic and its compounds were not detected using US EPA Test Methods 3052 & 3052/6010b by ICP or ICP-AES with a with a Method Detection Limit of 10 ppm.
[5] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.